

KRASNIK, Witold

Effect of medication sleep on glycogen level in the liver and skeletal muscles in white mice. Poznan.tow.przyjaciol nauk, wyd.s.lek. 17 no.5: 27-46 '59.

(LIVER metab.)

(MUSCLES metab.)

(GLYCOGEN metab.)

(SLEEP eff.)

JAROSZEWSKI, Franciszek; KRASNIK, Witold

Osseous changes in malignant granuloma. Polskie arch. med. wewn.
29 no.2:250-253 1959.

1. Z II Kliniki Chorob Wewnętrznych A. M. w Poznaniu Kierownik:
prof. dr med. J. Roguski. Adres Poznań, ul. Praybyśzewskiego 49.
(HODGKINS DISEASE, pathology,
bones (Pol))
(BONE AND BONES, pathol.
in Hodgkin's dis. (Pol))

KRASNIK, Witold; BARANOWSKA, Bozena

Electrophoretic studies on blood proteins in malignant granuloma.
Polskie arch. med. wewn. 29 no.4:443-446 1959.

1. Z II Kliniki Chorob Wewnętrznych A. M. w Poznaniu Kierownik:
prof. dr med. J. Roguski
(BLOOD PROTEINS) (HODGKIN'S DISEASE, blood)

KRASNIK, Witold; BARANOWSKA, Bożena

Electrophoretic changes of serum proteins during the course of malignant granuloma. Polskie arch.med.wewnetrz. 29 no.10: 1365-1372 '59.

1. Z II Kliniki Chorob Wewnętrznych A. M. w Poznaniu Kierownik: prof. dr med. J. Roguski.

(HODGKIN'S DISEASE blood)
(BLOOD PROTEINS)

KUBICKI, Stefan; KRASNIK, Witold

Effect of certain biological and physical factors on glycogen level in the liver in white mice. Acta physiol. polon. 11 no. 2: 237-250 Mr-Apr '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu, Kierownik: prof. dr J. Roguski.

(LIVER metab.)

(GLYCOGEN metab.)

(TEMPERATURE)

(SOUND)

(EXERCISE)

KRASNIK, Witold

Histochemical study of biopsy material in liver cirrhosis. Polski tygod.lek. 15 no.43/44:1699-1702 24 0 '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik:
prof.dr Jan Roguski.
(LIVER CIRRHOSIS pathol)

KRASHNIK, Witold

Clearance test. Polskie arch.med.wewn. 30 no.7:894-896 '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:
prof. dr med. J.Roguski.
(ARTERIOSCLEROSIS diag)

KRASNIK, Witold; GEMBICKI, Maciej; MAGAS, Stanislaw

Past results in the treatment of polycythemia vera with the aid of a radioactive phosphorus isotope P32. Polski tygod. lek. 16 no.21: 786-789 22 My '61.

1. Z II Kliniki Chorob Wewnetrznych A.M. w Poznaniu; kierownik: prof. dr med. Jan Roguski.

(POLYCYTHEMIA VERA radiother)
(PHOSPHORUS radioactive)

KRASNIK, Witold; GERWELOWA, Hanna; KRAWOZYNSKA, Zofia

Effect of hemodialysis on the antibody titer in the blood serum in
cases of acute renal failure after blood transfusion. Poznan. tow.
przyjaciol nauk wydz. lek. 21 no.2:167-177 '61.
(BLOOD TRANSFUSION compl) (KIDNEY ARTIFICIAL)
(ACUTE RENAL FAILURE ther) (BLOOD GROUPS)

KRASNIK, Witold

Heparin serum clearance test in arteriosclerosis. Poznan.tow.
przyjaciol nauk, wydz.lek. 22 no.1/1-12:31-38 '61.
(ARTERIOSCLEROSIS blood) (LIPOPROTEIN LIPASE)

HUNGARY

BACZYK, K. Dr., NOWACZYK, J. Dr., CZARNECKI, R. Dr., KRASNIK, W. Dr.,
KUHN, M. Dr., ADAM, W. Dr.; Medical Academy of Poznan, Second Internal
Medicine Clinic (Poznani Orvostudományi Akadémia, II. Belklinika).

"Experiences with Hemodialysis Performed with the Alwall Type Artificial Kidney."

Budapest, Orvosi Hetilap, Vol 103, No 46, 18 Nov 62, pages 2169-2170.

Abstract: The authors describe the apparatus, technique, complications, results, indications and contraindications of hemodialysis based on their own experiences.

[This paper is published, as part of an exchange program, from the Polski Tygodnik Lekarski.]

[Of 15 references, 1 is Polish, 14 are Western]

1/1

HUNGARY

KRASNIK, W. Dr., GEMBRICZKY, M. Dr., MAGAS, S. Dr.; Medical Academy of Poznan, Second Internal Medicine Clinic (Poznan Orvosi Akademia, II. Belklinika)*Professor: ROGUSKI, J. Dr.

"P-32 Isotope Treatment of Erythremia."

Budapest, Orvosi Hetilap, Vol 103, No 46, 18 Nov 62, pages 2184-2187.

Abstract: [Authors' summary] With the use of radioactive P-32 a considerable percentage of patients with erythremia showed clinical and hematological remission. The subjective improvement preceded the hematological gains. With careful and individual evaluation of the dosage no side effects were observed.

[This paper is published, as part of an exchange program, from the Polaki Tygodnik Lekarski.]

[18 Western, 1 Soviet-bloc reference]

*[Polish versions not given]

KRASNIK, Witold

Acute renal failure following blood transfusion. Pol. arch. med.
wewnet. 33 no.10:1167-1177 '63.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu Kierownik:
prof. dr med. J. Roguski.

(BLOOD GROUP INCOMPATIBILITY)

(ACUTE RENAL FAILURE)

GEMBICKI, Maciej ; KRASNIK, Witold

Acute myelocytic leukemia in a female patient with hyperthyroidism treated with ionizing radiations. Pol. tyg.lek. 18 no.48:1815-1817 25 N°63

1. Z II Kliniki Chorob Wewnetrznych AM w Poznaniu; kierownik: prof.dr. Jan Roguski.

*

ERASNIK, W.

Critical evaluation of the treatment of polycythemia vera
with P-32. Pol. arch. med. wewn. 34 no. 6: 738-739 1964

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w
Poznaniu (Kierownik: prof. dr. J. Roguski).

ROGUSKI, J.; DUKALEC, J.; HASIK, J.; JAROSZINSKI, P.; ~~ROGUSKI, J.~~; ~~ROGUSKI, J.~~; RACHLEWICZ, J.; ROGUSKA, J.; RUSZKOWSKI, R.

Incidence of clinical criteria of atherosclerosis in hyper- and hyperthyroidism, polycythaemia vera and chronic cor pulmonale (para- and antiatherosclerotic syndromes). *Cor Vasa* 6 no.3: 219-230 '64.

I. Second Department of Internal Medicine, Medical Academy, Poznan, Poland.

KRASNIK, Witold

Activity of serum glutamic-oxylacetic transaminase, glutamic-pyruvic transaminase and alkaline phosphatase in patients with hemolytic reactions after transfusions of ABO or Rh-incompatible blood. Pol. tyg. lek. 20 no.25:908-911 21 Je '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu (Kierownik: prof. dr. med. Jan Roguski).

JAROSZEWSKI, Franciszek; KRASNIK, Witold

Dome lesions in malignant granuloma. Pol. arch. med. wewnet. 35
no.7:953-959 '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu (Kierownik:
prof. dr. med. J. Roguski).

KRASNIK, Witold: ROGUSKA, Jadwiga

Prolonged observations on patients recovering from myocardial infarction. Pol. arch. med. wewnet. 35 no.9:1343-1348 '65.

1. Z II Kliniki Chorob Wewnetrznych AM w Poznaniu (Kierownik: prof. dr. med. J. Roguski).

KRASNIK-ORLIK, F. E., Doc of Med Sci -- (diss) "The Nature of Sporadic Attacks of Typhus Fever," Leningrad, 1959, 31 pp (Leningrad State Institute for the Improvement of Physicians in S. M. Kirov and the Leningrad Institute of Epidemiology, Microbiology, and Hygiene in Pasteur) (KL, 8-60, 113)

AUTHOR: Kalinichenko, G. I. Shoyakov, G. I. (Krasnikov, G. I.); Shoyakov, G. I.

TITLE: Investigation of neutron and gamma radiation following a current surge in a TO KAY line under no modulation

SOURCE: *Ukrainian Soviet Encyclopedia*, v. 10, no. 2, 1967, pp. 12-13.

TOPIC TAGS: particle background, electron accelerator, neutron background, Gamma background, shielding

ABSTRACT: The investigation in this paper is aimed to check on the frequently made assumption that the background due to slow neutrons can be measured using gamma in the vicinity of an accelerator or its target. The results of the investigation of the background current of a NaI(Tl) crystal are presented.

U. 58094-65

ACCESSION NR: A5005906

and measured with an PP-24 photomultiplier with NaI single crystal. A Faraday cup was used to measure the average current and to serve as a neutron source. The character of decrease in the count rate and in the neutron background following the stopping of the current in the accelerator were similar. The results show that the conversion of the

ing the stopping of the current pulse in the accelerator were similar. The results show that appreciable background exists up to 7 msec following the pulse regardless of the length of the pulse. The lifetimes of the slow neutrons and of the gamma-active isotopes produced as a result of capture of slow neutrons by different elements of the equipment and of the shielding is approximately 3.5 msec. The maximum gamma-quanta energy is approximately 6 MeV. (Orig. Lang. Russ. figures.)

ASSOCIATION: Fiziko-Tekhnicheskoye Institut AN URSS, Khar'kov
(Physicochemical Institute AN USSR)

SUBMITTED: 07/04/60

FROM: 01

SUB CODE: NP

NR REF SOV: 003

OTHER: 003

Card 2/3

KRASNIKOV, A. B.

FRIDRIKH, A.V., inzhener; KRASNIKOV, A.B. inzhener.

Large-capacity D-351 tank trucks for bitumenous materials. Stroi. i
dor. mashinostr. no.2:9-10 F '57. (MLRA 10:3)
(Tank trucks)

KRASNIKOV, A.B., inzh.

Chain machines for slit drainage of peat-bog soils. Torf. prom.
39 no.8:10-12 '62. (MIRA 16:1)

1. Konstruktorskoye byuro No.2, Minsk.
(Drainage)

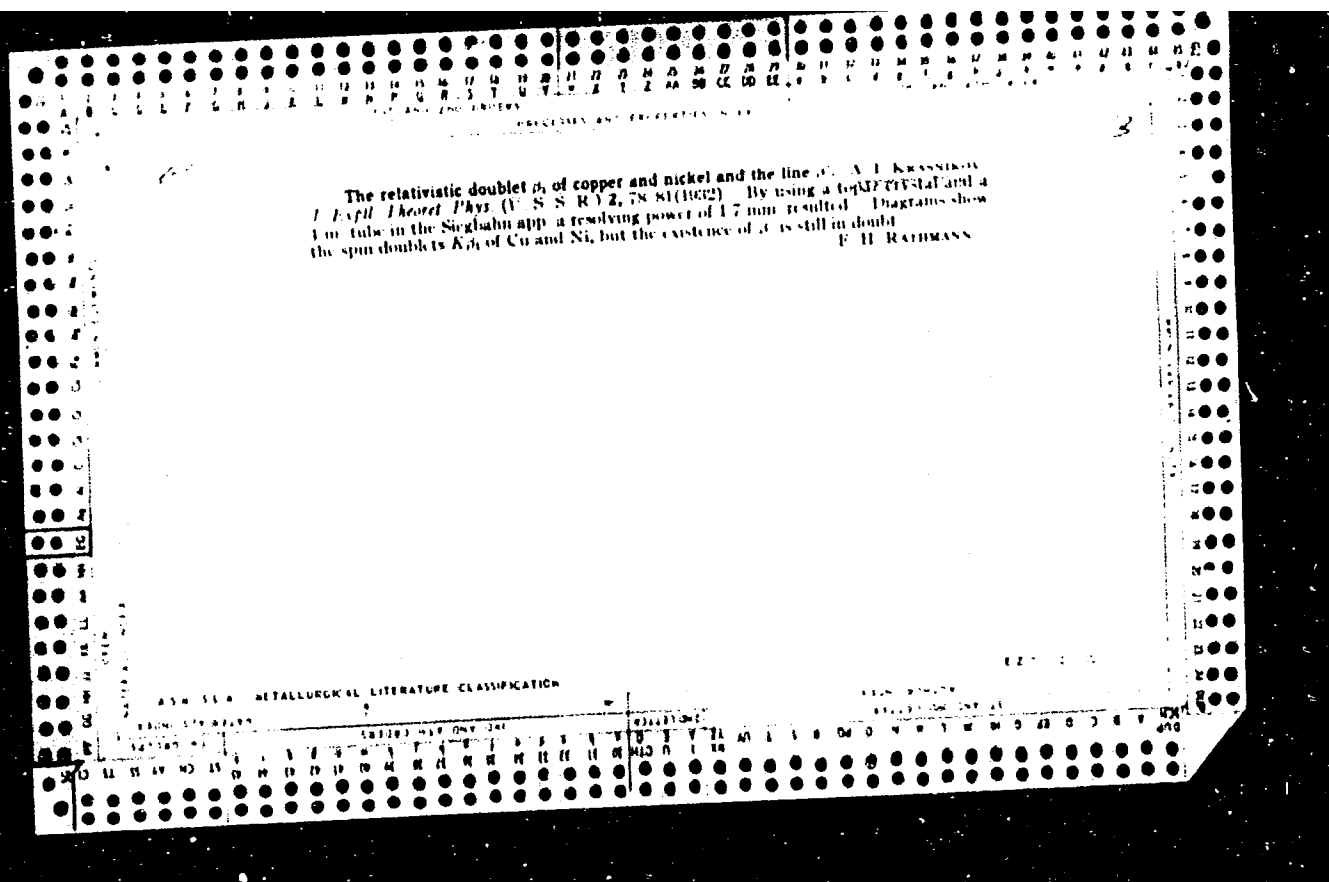
KRASNIKOV, A.B., inzh.; MOZHEYKO, L.I., inzh.

New drainage machines. Stroi. i dor. mash. 10 no.3:13-14 Mr '65.
(MIRA 18:5)

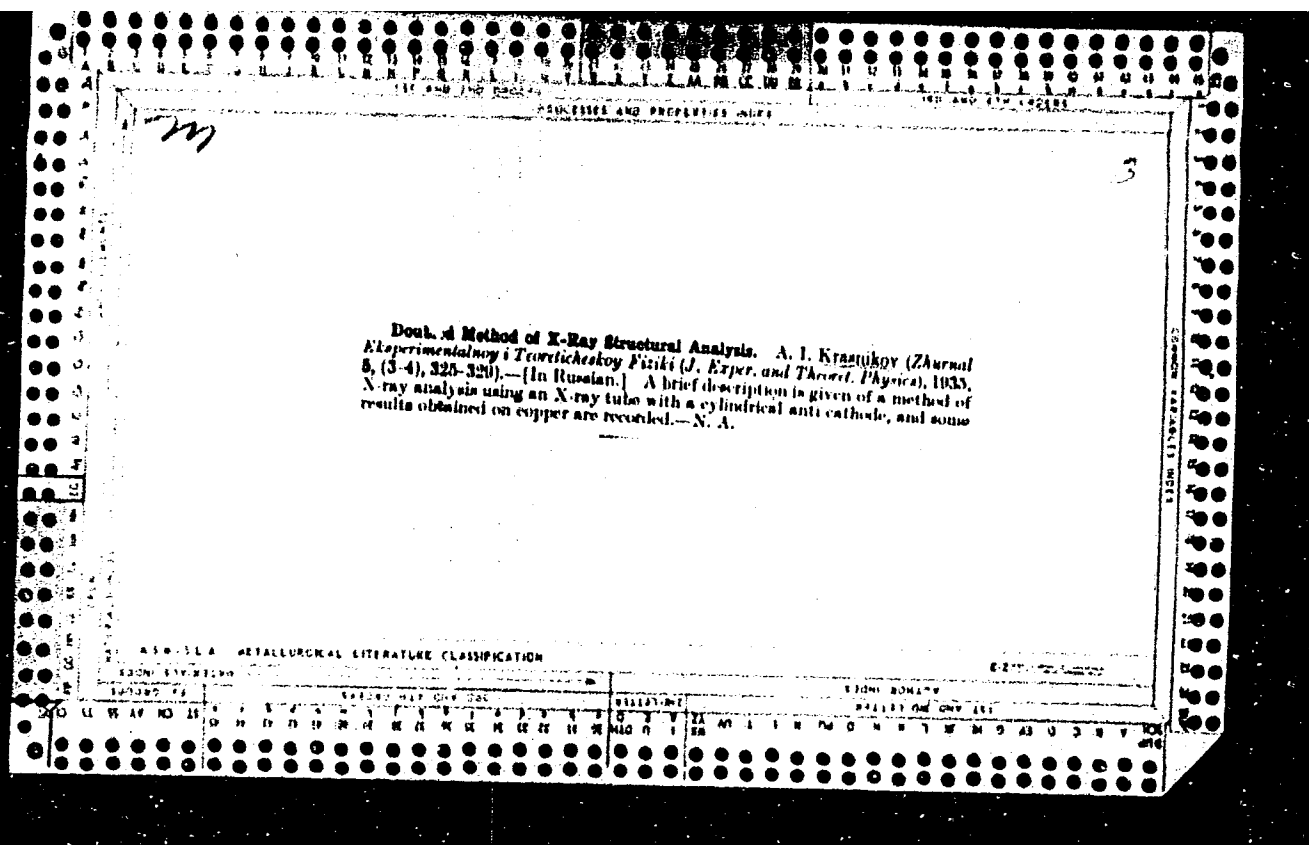
3

A method for obtaining Debye-Scherrer roentgenograms of greatest accuracy. A. I. KRASHNIKOV. *J. Exptl. Theoret. Phys.* (U. S. S. R.) 2, 747 (1942). Processive cylindrical samples and a long diaphragm were used. The line widths were 0.05 and 0.11 mm. for NaCl and Al, resp. The exptl. λ values for (111), (100), (110) and (311) differ, resp., from the calcd. by 0.95, 0.20, 0.36 and 3.28, all $\times 10^{-2}$ Å. U.

F. H. RATHMANN



1ST AND 2ND CODES										3RD AND 4TH CODES									
PROCESSING AND PROPERTIES INDEX																			
<p>Co</p> <p>An x-ray tube of increased power. A. I. Krasnitsky. <i>J. Appl. Phys.</i> (U. S. N. R.) 4, 178 7(1934). A tube superior to the Coolidge, Haydine, Koster or Siegluh tubes and allowing visual observation of fluorescent spectra produced is described. It can be used simultaneously for both spectral and structural work. The fluorescence spectrum of air was observed. An x-ray tube with a cylindrical anode. <i>Ibid.</i> 178-82. Electron dissipation in the tube described is very small. The intensity of the beam is such as to cause fluorescence of lead, wood, paper, etc., and of air. F. H. Rathmann</p>																			
<p>COMMON ELEMENTS</p> <p>COMMON VARIABLE INDEX</p> <p>ASAC-11-A METALLURGICAL LITERATURE CLASSIFICATION</p> <p>REGIONAL DIVISION</p> <p>GROUP</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40</p>																			



1ST AND 2ND C-REES										3RD AND 4TH C-REES									
PROCESSING AND PROPERTIES INDEX																			
<p><i>m</i> <i>3</i></p> <p>*Effect of the Out-of-Centre Error on the Accuracy of Determination of the Constant in the Debye-Scherrer Method. A. I. Krasnikov, D. A. Orlov, and A. D. Khuleniia (<i>Zashchita Laboratoria (Works' Lab.)</i>, 1936, 8, (9), 1103-1105).—[In Russian.] Geometrical constructions and mathematical calculations of the possible error in the determination of the lattice parameter caused by deviations from the true centre position of the specimen in a non-rotating Debye camera.—D. N. M.</p>																			
<p>ASM-ILA METALLURGICAL LITERATURE CLASSIFICATION</p>																			
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KRASNIKOV, A. I.

BC H-1
Powerful X-ray tube. A. I. KRASNIKOV (Zavod
Lab., 1938, 7, 307-312). Apparatus is described.
R. T. 4
B/2
BC

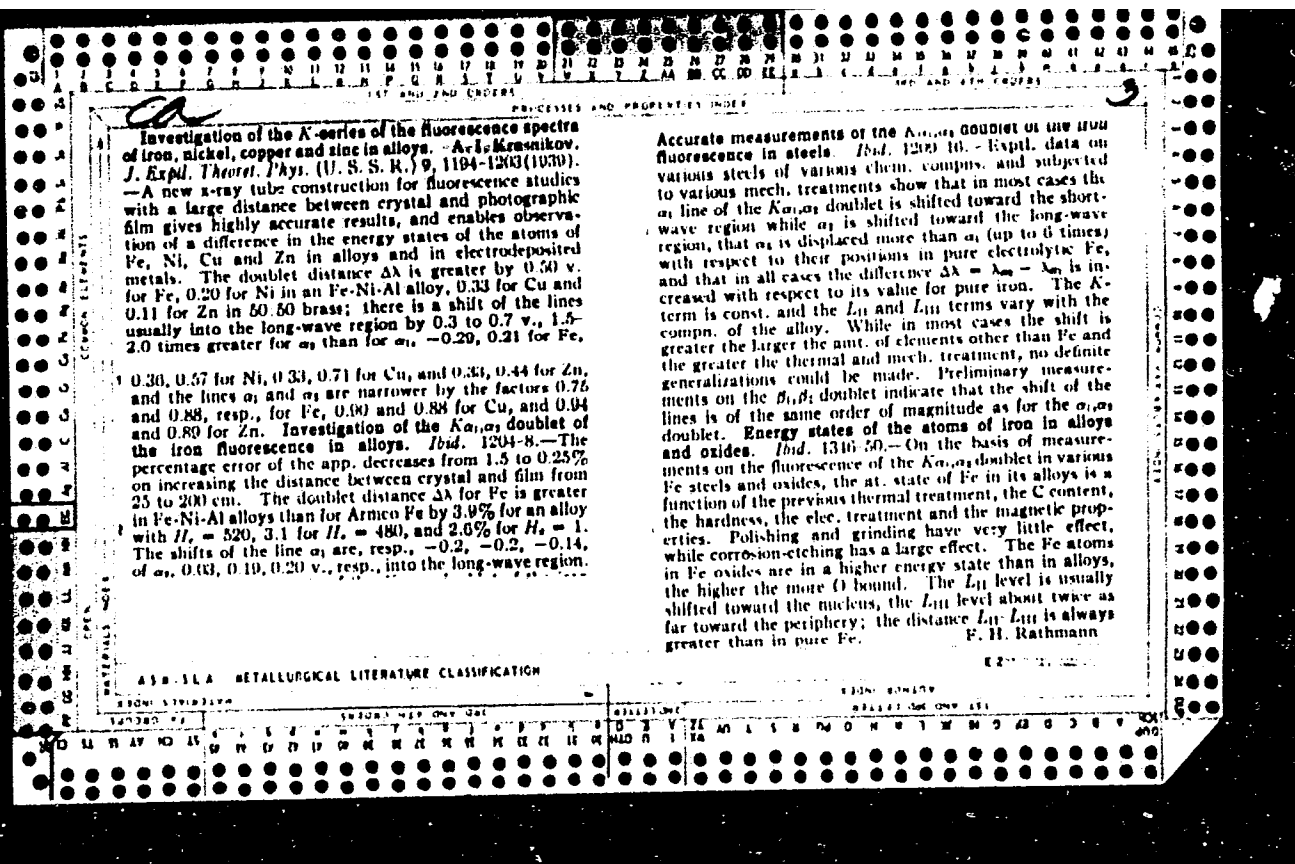
CA

Fluorescence of air and of metals. A. I. Kruusikov, *J. Exptl. Theoret. Phys.* (U. S. S. R.), 8, 1286-87 (1938).
Using a powerful source of primary x-rays, K. found that air gives a milky-blue fluorescence ascribed to ionization by photoelectrons. The metals Cr, Mn, Fe, Co, Ni, Cu and Zn give a much more intense secondary radiation than do elements of lower or higher at. wt. as C, Mg and Al. Ta, W, Au, Pt, Pb, Bi and U. The max. lies at $Z \approx 31$, a min. at about 48, but the 2nd branch rises only very slowly. F. H. Rathmann

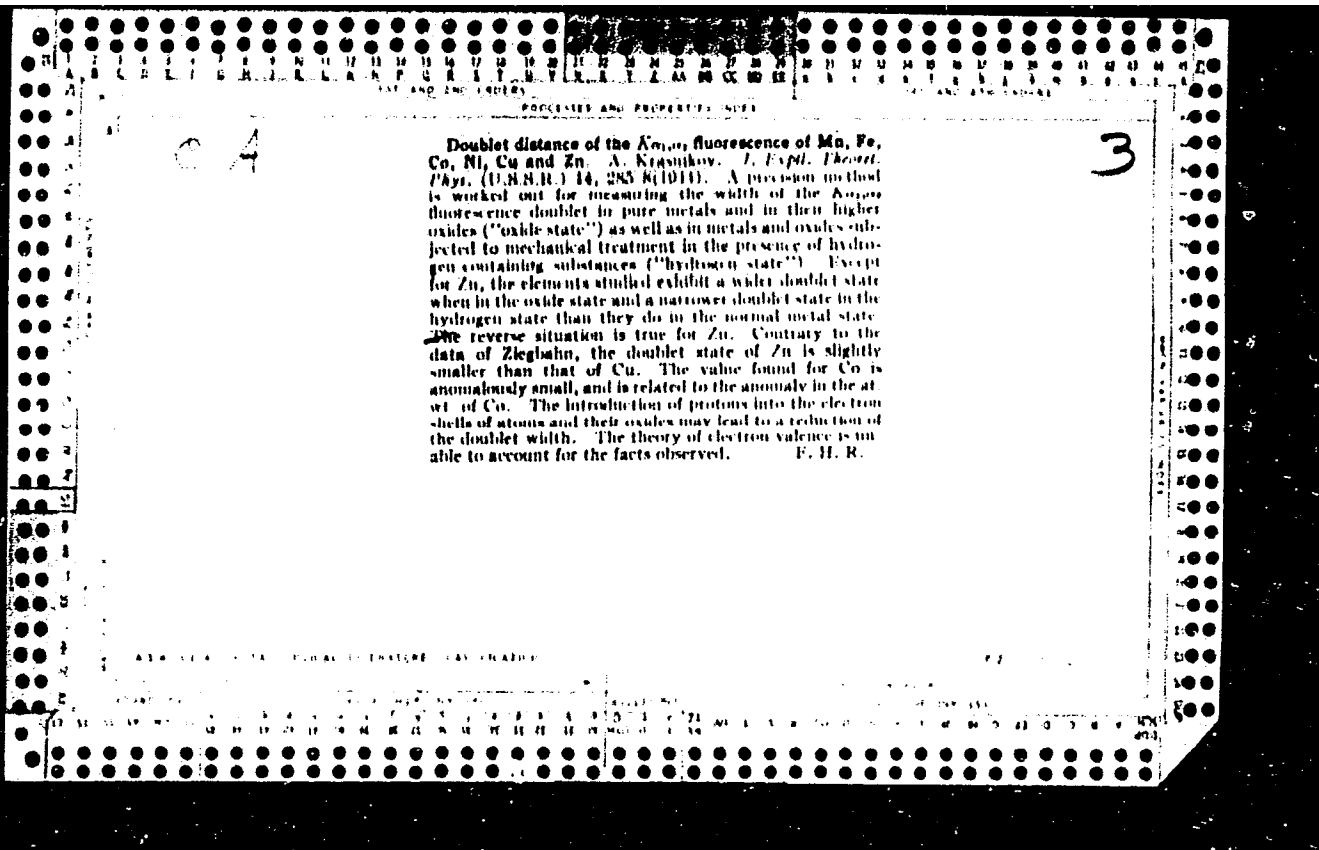
Br. Lho.

1st. The operator, etc.

X-Ray tube for analysis of fluorescence spectra. A. I. Krasniy
(Zavod. Lab., 1939, 6, 468-461).



Some effects due to x-rays. A. I. Krasnikov. *J. Exptl. Theoret. Phys.* (U. S. S. R.) 0, 1143 5, (1939). K. describes the results of expts. on the action of x-rays on glass, NaCl, celluloid, paraffin, cellulose, rubber, metals, etc. The primary effect is the production of photoelectrons; these and the secondarily produced electrons produce local elec. fields, rearrangement and displacement of ions, and thus give rise to chem. changes. P. H. R.



1ST AND 2ND GROUPS

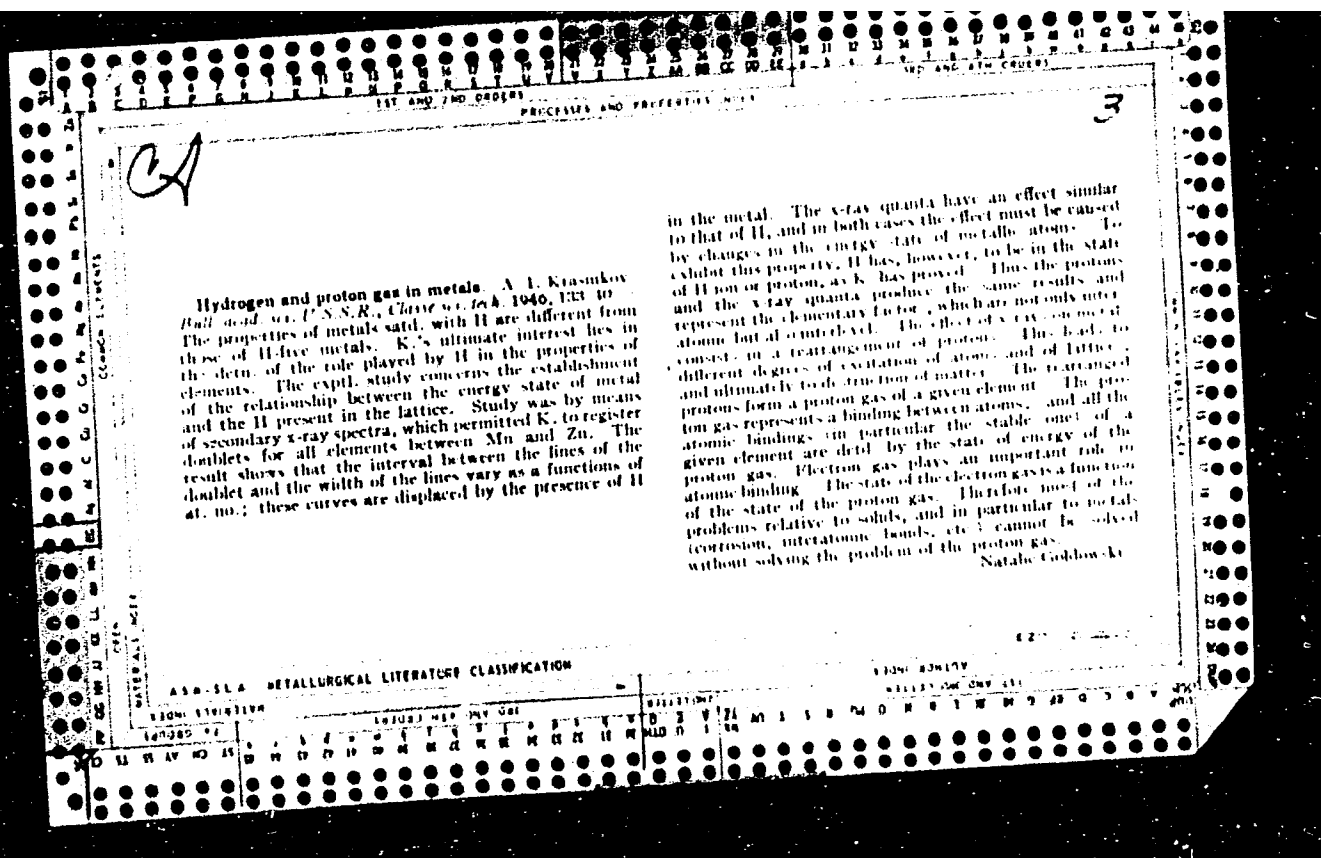
PROCESSES AND PROPERTIES INDEX

3

Hyperfine structure of secondary x-ray spectra. A. I. Krasnikov. *Compt. rend. acad. sci. U.R.S.S.* 49, 337-8 (1945).—The $K_{\alpha 1}$ line of Cu_2O was resolved into two components, sepd. 0.474 X.U., as compared with 3.92 X.U. for the sepn. of $K_{\alpha 1}$ and α_2 . The intensity ratio is 1:1. N. I. Gerbard

ASH-TLA METALLURGICAL LITERATURE CLASSIFICATION

1-1



KRASNIKOV, A. I.

USSR/Physics - Energy levels

Card 1/1 Pub. 22 - 24/54

Authors : Krasnikov, A. I.; Sotnikova, L. I., and Orlov, L. G.

Title : ~~Transition of the deep energetic levels of ferrous atoms during cold metal deformations~~
Transition of the deep energetic levels of ferrous atoms during cold metal deformations

Periodical : Dok. AN SSSR 102/5, 943 - 945, June 11, 1955

Abstract : A study of the displacement of the deep energy levels, L_{II} & L_{III} of ferrous atoms is described. Effect of cold deformations on the displacement of deep energy levels of ferrous atoms is discussed. Three USSR references (1939-1946). Table.

Institute : The Institute of Metallography and the Physics of Metals of the Scientific Research Institute of Ferrous Metallurgy

Presented by : Academician G. V. Kurdymov, February 23, 1955

GUREVICH, B.A.; KRASNIKOV, A.N.; GERCHIKOV, I.Z.

Machine for covering upholstery elements of furniture with fabrics.
Der. prom. 12 no.3:18-20 Mr '63. (MIRA 16:5)

1. Proyektno-konstruktorskoye byuro Upravleniya lesbumdrevproma
Soveta narodnogo khozyaystva BSSR.
(Upholstery)

KRASNIKOV, Andrey Sergeyevich, dotsent, kand.sel'skokhoz.nauk; USTIMENKO,
L.F., red.; ZUBRILINA, Z.P., tekhn.red.

[Horse breeding; manual for practical work] Konevodstvo; posobie
k prakticheskim zaniatiyam. Moskva, Gos.izd-vo sel'khoz.lit-ry,
1959. 181 p. (MIRA 13:1)

(Horses)

Andrey Sergeyevich
KNYAZEVA, G.A.; KRASNIKOV, A.S., dots., kand, sel'khoz. nauk, red.

[Literature on the biology of horses, asses and mules, horse raising, and equestrian sports, published in the U.S.S.R. in 1917-1961; classified index] Literatura po biologii loshadi, osla i mula, po konevodstvu i konnomu sportu, izdannaya v SSSR v 1917-1961 gg.; sistematicheskii ukazatel'. Moskva, 1962. 653 p.
(MIRA 16:2)

1. Moscow. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva. Muzey konevodstva. 2. Direktor Muzeya konevodstva, Moskva (for Krasnikov). 3. Starshiy nauchnyy sotrudnik Muzeya konevodstva, Moskva (for Knyazeva).

(Bibliography--Horses) (Bibliography--Asses and mules)

SOV/137-59-3-7162

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 317 (USSR)

AUTHORS: Krasnikov, A. S., Levin, Yu. L.

TITLE: Mechanized Cleansing of Tin by Means of the Udovenko Machine (Mechanizirovannaya ochistka zhesti pri pomoshchi mashiny Udovenko)

PERIODICAL: Byul. nauchno-tekhn. inform. Ukr. n-i. in-t metallov, 1958, Nr 5, pp 61-64

ABSTRACT: In order to protect the Sn on a strip from oxidation the tin-plated metal is passed through a layer of hot oil. The layer of oil retained on the surface of the tin-plated metal after this operation impedes the work of stamping presses during their processing in canneries. To remove this oil the tin-rolling plants use cleansing machines (M). M used on the "Zaporozhstal" plant for some time past have produced uniform and tightly wound rolls of tin, but the technique of removal of oil was not developed there. In the newly designed Udovenko M the green powder consisting of the rubbed-off Sn mixed with dust and the residue of oil on the tin strip are removed with bran fed in by two reciprocating blades. Each strip of tin-plated metal passes first between three pairs of horizontal surfaces and

Card 1/2

SOV/137-59-3-7162

Mechanized Cleansing of Tin by Means of the Udovenko Machine

felt-sheathed wedges. The moving strip tightens the wedge and is jammed in. Thus the strip is subjected to great tension and friction which cleanse it of the oil and of a portion of the top layer of Sn. After this operation the strip emerges covered with a green layer which is removed with bran in another part of the M. The bran is transported in a special box equipped with two canting blades. The strip is cleansed mainly by friction when it is squeezed between the blocks and wedges covered with felt. In the second box the moving blades remove the oil and chiefly the green dust. Because the surface of the strip is now without oil and with its coating film disrupted, its anticorrosion properties are reduced. In order to protect it against corrosion the strip is passed through oiled bran, and is again cleansed and coated with a film of fresh oil.

G. K.

Card 2/2

YASHNIKOV, D.I., inzh.; TILIK, V.T., inzh.; TROSHCHENKOV, N.A., inzh.;
Prinimali uchastiye: SAMOYLOV, I.D., inzh.; VERBITSKIY, A.I.,
inzh.; KRASHNIKOV, A.S., inzh.; BURBELO, V.G., inzh.; KSENZUK,
F.A., inzh.; MIRKINA, R.Ye., inzh.; GOL'DSHTEYN, F., inzh.;
BOZHKO, S.A., inzh.

Reducing the consumption of tin in improving the microgeometry
of sheet iron surfaces. Stal' 21 no.9:862-864 S '61. (MIRA 14:9)

1. Zavod "Zaporozhstal".
(Tinning) (Surfaces (Technology))

KRASNIKOV, A. S., (Engr)

Dissertation: "An Investigation of the Working-Out of Blind Passes and the Development of Trenches in Open-Pit Mining Without Transportation Means." Cand Tech Sci, All-Union Sci Res Coal Inst, 23 Jun 54. (Vechernyaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec 1954

KRASNIKOV, A.S.

Principles of calculating side stripping in open pits using the
excavator system. Trudy Inst.gor.dela 3:37-52 '56. (MLRA 9:8)
(Strip mining)

KRASNIKOV, A.S., kandidat tekhnicheskikh nauk.

Excavator productivity depending on the size of the heading.

Ugol' 32 no.4:29-32 Ap '57.

(MLRA 10:5)

(Strip mining) (Excavating machinery)

KRASNIKOV, A. S., Cand Tech. Sci.

Selecting the Best Width for Excavator Operations in Stationary Excavation Systems." p. 217 in book Problems in the Exploitation of Mineral Ore Deposits, Moscow, Izd-vo AN SSSR, 1958, 251pp.

A theoretical treatment of factors affecting the productivity of stationary excavators and a selection of the best parameters for shovel width and revolving angles are presented by the author.

KRASNI KOV, A.S.

SOV-127-58-10-27/29

AUTHORS: Mel'nikov, N.V., Corresponding Member of the AS USSR;
Krasnikov, A.S., Nikonov, G.P., Potapov, M.G., Simkin, B.A.
and Chesnokov, M.M., Candidates of Technical Sciences and
Belyayev, A.A., Mining Engineer

TITLE: B.P. Bogolyubov and B.P. Yumatov, "Mining Machines" (B.P.
Bogolyubov i B.P. Yumatov, "Gornyye mashiny")

PERIODICAL: Gornyy zhurnal, 1958, Nr 10, pp 78-79 (USSR)

ABSTRACT: This is a review of the above mentioned book.
1. Mining industry--Equipment 2. Literature--USSR

Card 1/1

KRASNIKOV, A.S.
KRASNIKOV, A.S., kand. tekhn. nauk.

Unutilized potentiality in dragline productivity. Ugol' 33 no.2:23-
24 F '58. (MIRA 11:2)

(Excavating machinery)

KRASNIKOV, A.S., dotsent

V.O.Vitt's seventieth birthday. Zhivotnovodstvo 22 no.7:93
'60. (MIRA 16:5)

1. Kafedra konevodstva Moskovskoy ordena Lenina sel'skokhozyaystvennoy
akademii im. Timiryazeva.
(Vitt, Vladimir Oskarovich, 1890-)

KRASNIKOV, A.S., kand.tekhn.nauk

Parameters of walker stackers for working Nikopol' manganese deposits. Nauch.sob.Inst.gor.dela 7:45-57 '61. (MIRA 15:1)
(Nikopol region (Dnepropetrovsk Province)--Mine haulage)

KRASNIKOV, A.S., starshiy nauchnyy sotrudnik, kand.tekhn.nauk; CHERNEGOV,
Yu.A., mladshiy nauchnyy sotrudnik

Technical efficiency of rotary excavators. Ugol' 36 no.5:48-51 My
'61. (MIRA 14:5)

1. Institut gornogo dela im. A.A.Skochinskogo,
(Excavating machinery)

MEL'NIKOV, Nikolay Vasil'yevich, akademik; SIMKIN, Boris Aleksandrovich, kand. tekhn. nauk; DEMIDYUK, Grigoriy Prokop'yevich, kand. tekhn. nauk; VINITSKIY, Konstantin Yefimovich, kand. tekhn. nauk; STAKHEVICH, Yekaterina Borisovna, inzh.; KRASNIKOV, Aleksey Sergeyevich, kand. tekhn. nauk; CHERNEGOV, Yuriy Aleksandrovich, inzh.; POTAPOV, Mikhail Gennad'yevich, kand. tekhn. nauk; CHESNOKOV, Mitrofan Mitrofanovich, kand. tekhn. nauk; NURMUKHAMEDOVA, V.F., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Foreign technique of open-pit mining] Tekhnika otkrytykh gornykh
rabot za rubezhom. Moskva, Gosgortekhnizdat, 1962. 379 p.
(MIRA 16:1)

(Strip mining)

VETROV, Yu.A.; MARICH, N.V.; KRASNIKOV, A.S.; CHERNEGOV, Yu.A.;
SHENDEROV, A.I.

Selecting the efficient operating conditions for a
high-capacity rotary excavator. Ugol' 37 no.9:26-29
S '62. (MIRA 15:9)
(Excavating machinery)

KRASNIKOV, A.S., kand. tekhn. nauk; MORDUKHOVICH, I.L., gornyy inzh.

Efficient systems of open-cut working of Moscow Basin coal
seams. Ugol' 39 no.3:16-19 My'64. (MIRA 17:5)

1. Institut gornogo dela imeni A.A. Skochinskogo.

KRASHNIKOV, A.S., kand. tekhn. nauk: SPENCER, T.A., kand. tekhn. nauk
Flow-sheets of open pit mining of manganese in U.S.S.R. deposits.
Ger. zhur. no.7:20 Ji '64. (HRA 17:10)
1. Institut gornogo dela im. A.A. Skochinskogo.

NOVOZHILOV, M.G., prof., doktor tekhn.nauk; TARTAKOVSKIY, B.N., kand.tekhn.
nauk; BARSUKOV, M.I., inzh.; KRASHNIKOV, A.S., kand.tekhn.nauk;
SAMORODOV, Yu.P., kand.tekhn.nauk

Flow sheets for mining working trenches with continuous machine
units. Gor.zhur. no.12:13-18 D '64. (MIRA 18:1)

1. Dnepropetrovskiy filial Instituta mekhaniki AN UkrSSR (for
Novozhilov, Tartakovskiy, Barsukov). 2. Institut gornogo dela
im. A.A.Skochinskogo (for Krasnikov, Samorodov).

L 3543-66 EPA/EWT(m)/EWP(w)/EPF(c)/EWP(f)/EPF(n)-2/I/ETU(m) WH/EM/DJ
ACCESSION NR: AP5024423 UR/0286/65/000/015/0126/0126

AUTHORS: Krasnikov, A. S.; Berin, I. G.; Roytman, A. B.

TITLE: A damper for an aircraft gas turbine engine. Class 47, No. 173548

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 126

TOPIC TAGS: aircraft engine, gas turbine, engine component

ABSTRACT: This Author Certificate presents a damper for an aircraft gas turbine engine, made in the form of a group of bands bent into open rings and working in oil. To insure the pliability of the damper and to make it work in a small quantity of oil, the rings are so turned in respect to one another that in each pair the opening of one is diametrically opposite to the opening in the other. The openings in the inner rings of the adjacent pairs are turned at an angle to one another. The size of this angle is computed by the formula $360^\circ/n$, where n is the number of rings.

ASSOCIATION: none

SUBMITTED: 26Aug63

NO REF SOV: 000

Card 1/1

ENCL: 00

OTHER: 000

SUB CODE: IE, PR

YERASHENOV, A.A., YERASHENOV, A.A., YERASHENOV, A.A., YERASHENOV, A.A., YERASHENOV, A.A.,
I.A., YERASHENOV, A.A., YERASHENOV, A.A., YERASHENOV, A.A.

Reporting the optimum parameter equipment of continuous operation
and with an output of over 10,000 m³ per hour. YERASHENOV, A.A.
1954. (MIRA 18:10)

L 32679-66 EWT(1)/EWT(m)/EWP(m)/T WW/DJ

ACC NR: AP6006436

SOURCE CODE: UR/0420/65/000/003/0044/0047

AUTHORS: Krasnikov, A. S.; Roytman, A. B.

ORG: none

TITLE: Effects of friction forces on the stability of pipes with flowing liquids

SOURCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 3, 1965, 44-47

TOPIC TAGS: pipe vibration, pipe instability, fluid flow, pipe suspension

ABSTRACT: The work of V. I. Foodos'yev (Izbrannyye zadachi i voprosy po soprotivleniyu materialov. Gostekhteorizdat, 1953) on the critical velocity of flow in fluid pipes (lateral instability) is extended to the case of axially restrained pipes. Three cases are considered: a) the left end is fixed and the right end is free in the axial direction (flow to the right); b) the left end free and right end fixed; and c) both ends fixed. The equation for the unbalanced loaded pipe is formulated in integral form, and the solution is found in the form of a series. The equations for the critical velocities for cases a and b are found as

$$V_{2n+1} = \frac{(2n+1)\pi}{l} \sqrt{\frac{EI}{\frac{\gamma}{g} F (2n+1) + C_l \Pi \frac{\gamma}{2g}}}$$

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L 32679-66

ACC NR: AP6006436

and

$$V_{2n+1} = \frac{(2n+1)\pi}{l} \sqrt{\frac{EI}{(2n+1)\frac{l}{g}F - C_l \pi \frac{l}{g}}}$$

respectively, while no simple solution for case c could be found. Curves of the ratio of frictional to inertial forces as a function of Reynolds number are presented for various pipe diameters, and it is found that for $Re = 10 - 10^6$ the ratios are higher or near 1. It is concluded that fluid friction is of major importance in pipe stability and that pipe restraint of type a reduced the danger of pipe fatigue. Orig. art. has: 7 formulas and 3 figures.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 BLG

I. 09123-67	EWT(m)/EWP(f)	FDN/WW/DJ/WE
ACC NR: AP6031769	(A)	SOURCE CODE: UR/0094/66/000/007/0048/0050
<p>AUTHOR: Omel'chenko, V. I. (Engineer); Krasnikov, A. S. (Engineer); Voronin, V. L. (Engineer); Konstantinovskiy, V. A. (Engineer); Uvarov, S. N. (Candidate of technical sciences)</p> <p>51 47</p>		
<p>ORG: None</p>		
<p>TITLE: Industrial electric power generators using aviation turbine engines</p>		
<p>SOURCE: Promyshlennaya energetika, no. 7, 1966, 48-50</p>		
<p>TOPIC TAGS: electric power engineering, electric power plant, turboprop engine</p>		
<p>ABSTRACT: The authors discuss the advantages of using discarded aviation turbine engines for generating power in industrial plants, transport and in various branches of the petroleum industry. Units using aviation turbine engines could be made for various power requirements varying from several hundred to several thousand kilowatt output. The authors describe a successful attempt to set up such a unit in the Soviet Union in 1965. This unit utilized an AI-20 turboprop engine in conjunction with an SGN-14-49-6 1000 kw synchronous generator. This generating plant was equipped with an automatic control which ensured its starting, controlled its fuel and oil supply and handled emergencies. The AI-20 turboprop engine is capable of running on various fuels. It was found that it could be operated on diesel fuel and natural gas if the natural gas</p> <p>26</p>		
Card 1/2		UDC: 621.311.23+629.13.02/v07

L 09123-67

ACC NR: AP6031769

was compressed to 10 atm. The lubrication mixture used for operating this engine consisted of 75% transformer oil or MK-8^{||} and 25% MS-20^{||} or MK-22 oil. The engine consumed 0.8 liters of oil per hour. Since a 1600 kilowatt generator could not be found, the engine was set to function at 50% capacity. The weight to power ratio of this unit was 12.3. The unit functioned normally throughout the test period. One of the advantages of using such a unit is that it does not require water for cooling and the exhaust gases of the turbine can be used for heating purposes. Orig. art. has: 4 figures.

SUB CODE: 10, 13 / SUBM DATE: None

Card 2/2 net

KRASNIKOV, B.S.

USSR/Electrochemistry

B-12

Abs Jour : Ref Zhur - Khimiya, No 8, 1957, 26301

Author : V.L. Kheyfets, B.S. Krasnikov

Inst : Academy of Sciences of USSR

Title : Influence of Adsorbed Hydrogen on Zero Charge of Some Metals

Orig Pub : Dokl. AN SSSR, 1956, 109, No 3, 596-588

Abstract : The potentials of the zero charges (φ_z) of Hg, Cu, Ag, Zn (monocrystal, face 0001), Pt, Pd, Co and Cd were determined by methods described earlier (RZhKhim, 1954, 35687) in normal solutions of H_2SO_4 , $NaOH$ + Na_2SO_4 and H_2SO_4 and Na_2SO_4 with added concentrations of 0.02n. and pH = 1 to 11.5 by measuring the capacity. The electrodes were previously cathodically polarized one hour at $i = 0.25$ ma per sq. cm. It is shown that φ_z of Hg, Cu, Ag, Zn and Cd does not depend on pH. In case of metals capable to absorb hydrogen (Pt, Pd, Co), φ_z is shifting to the positive side with the decrease of pH. It is shown that the value of φ_z measured on the diffusion side of the Pt membrane shifts to the positive side for about 550 mv with the increase of the saturation of the Pt membrane with

Card : 1/2

USSR/Electrochemistry

B-12

Abs. Jour : Ref Zhur - Khimiya, No 8, 1957, 26301

hydrogen at $\text{pH} \approx 2$ by the cathode polarization. In the authors' opinion, the dependence of φ_z on pH is determined by the change of the equilibrium hydrogen, saturating the metal, together with pH.

Card : 2/2

KRASNIKOV, B.V., doktor sel'skokhozyaystvennykh nauk; LARICHEVA, M.D.,
kand.sel'skokhozyaystvennykh nauk

Late fall sowing as a method for developing resistance to
flower-stalk formation in sugar beets grown for feed purposes
in the non-Chernozem zone. Agrobiologiya no.6:791-795 N-D
'61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni
V.R. Vil'yamsa, st. Lugovaya, Moskovskaya oblast'.
(Sugar beets)

KRASHNIKOV, G.A., Cand Vet Sci — (diss) "Changes in the ^{nerve} neural
elements of the skin in the ^{focus} of ~~the~~ allergic reaction and outside
of it in chicken tuberculosis." Khar'kov, 1959. 15 pp (Bibl. of
Agr USSR. Khar'kov Vet Inst). 200 copies (HL, 32-59, 119)

67

KRASNIKOV, G. A.

"Trypancin in the case of coccidiosis in calves."

Veterinariya, Vol. 37, No. 4, 1960, p. 59

Vet. Dr. - Novo-Ayderskiy Rayon, Lugauskiy Oblast

TOLSTOVA-PARIYSKAYA, N.G., prof.; SHCHEGLOV, A.M., dotsent; KRASNIKOV, G.A.,
kand.veterinarnykh nauk

Pathological anatomy and some problems in the pathogenesis of infectious atrophic rhinitis in swine. Veterinariia 38 no.1:33-38

Ja '61.

(MIRA 15:4)

(Swine---Diseases and pests) (Nose---Diseases)

KRASNIKOV, G.A., veterinarnyy vrach (Novo-Aydarskiy rayon, Luganskoy
oblasti)

Trypan blue in coccidiosis in calves. Veterinaria 37
no. 4:54, Ap'60 (MIRA 16:6)
(COCCIDIOSIS) (TRYPAN BLUE)

KRASNIKOV, G.A., kand. veterin. nauk

Study of the purified and concentrated virus of foot-and-mouth
disease in serologic reactions. Veterinariia 41 no.2:14-16
F '64. (MIRA 17:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy
veterinariii.

L 41214-66 EWT(d)/EWT(m)/ENP(v)/I/ENP(k)/EMI(v)/ENP(1) DJ

ACC NR: AP6016742

(N)

SOURCE CODE: UR/0229/65/000/012/0029/0032

AUTHOR: Krasnikov, G. F.; Manzhos, Yu. A.

ORG: None

TITLE: Safety valves¹⁴ with overflow slide valves in hydraulic systems¹¹ with backwater at the overflow

SOURCE: Sudostroyeniye, no. 12, 1965, 29-32

TOPIC TAGS: valve, safety engineering, hydraulic device, pressure compensator, hydraulic fluid, fluid pressure / DG52 valve

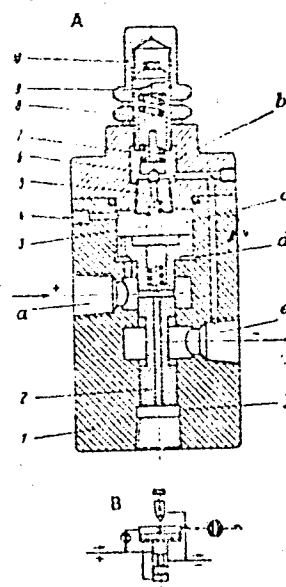
ABSTRACT: The authors study ²⁸DG52 ¹⁰safety valves with overflow slide valves in hydraulic systems with backwater at the overflow. These valves are used in various hydraulic marine systems. They are designed to work under pressures of 200 kg/cm² and where the pressure at the overflow is close to atmospheric. The components of this type of valve are shown in the figure. The function of the valve is to maintain steady pressure in the system by interaction between the ball valve and the slide valve. Slide valve 2 moves within valve body 1. The slide valve is held in its lower position by spring 3. Fluid from the pressure line enters cavity a while cavity f is simultaneously filled through a channel inside the slide valve. Fluid also enters the cavity d under the plunger of the slide valve through holes drilled in the valve body, and

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UDC: 629.12.062/.066-82

L 41214-66
ACC NR: AP6016742

cavity *c* which is located above the slide valve is filled through small openings in the slide valve itself. Ball *b* is loaded from one side by spring 7 which controls the amount of force required, and from the other by pressure in the line and by the fluid pressure in cavity *c*. The ball remains in its seat as long as the force of the spring prevails. If the pressure in cavity *c* exceeds the force of spring 7, the ball rises and permits the passage of a small quantity of fluid into overflow cavity *e*. Cavity *c* is then filled by fluid from the pressure line through a throttle valve in the slide valve piston. This causes a pressure differential and in turn a pressure reduction in cavity *c*. The slide valve moves up connecting cavities *a* and *b*. The upward motion of the slide valve continues until the pressure in cavities *d* and *f* is not the same as that in *c* and the force of spring 3. At this point the pressure in the injection cavity is maintained. As pressure increases in injection cavity *c*, the forces of equilibrium are disturbed and the slide valve which is under fluid pressure from cavities *d* and *f* rises. Fluid flows from cavity *a* into cavity *b* causing a pressure decrease in injection cavity *a*. Pressure is reduced until



A--cross section
B--schematic

Card 2/3

L 41214-66

ACC NR: AP6016742

0

it reaches that permitted by the setting of spring 7. If the pressure acting on the ball in the injection cavity is lower than that set by the force of spring 7, the ball is seated, closing off the passage of fluid from cavity *c* to the overflow. This causes pressure leveling in cavities *c*, *d* and *f*. Spring 3 forces the slide valve down, disconnecting cavities *a* and *e*. Remote control equipment can be used for operating the valve. Several other types of safety valves are discussed. These do not differ significantly from that described by the authors. Various hook-up diagrams are given. A great deal of testing had to be done since there are no experimental and theoretical data on the application of slide type safety valves in systems with backwater at the overflow. All tests were carried out under stand conditions. The following valves were tested: 1KR15, 1KR20, 1KR25 and 1KR32. The test conditions are discussed. The results showed that BG52 valves function as well with backwater at the overflow as with free overflow and operate without noise or vibration. Pressure variation does not exceed $\pm 5-8\%$ of the setting, being $\pm 5 \text{ kg/cm}^2$ in the pressure tubing for a setting of 100 kg/cm^2 . A formula is given for calculating the backwater at the overflow. Pressure does not vary in the tubing during prolonged operation or frequent startups. The valve showed certain defects such as leakage along the control threads. A method is proposed for eliminating this leakage which is also applicable to valves already in operation. Orig. art. has: 5 figures, 1 formula.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 000/ OTH REF: 000

Card 3/3 *MCP*

KRASHNIKOV, Ivan Iosifovich

[Practices in mechanizing the cultivation of corn] Opyt mekhanizatsii
vzdelyvaniia kukuruzy. Moskva, Gos. izd-vo sel'khoz lit-ry, 1957.
94 p. (MIRA 11:5)
(Corn (Maize))

KRASNIKOV, I.I., inzh.

PF-5 ear corn cleaner. Trakt.1 sel'khoz mash. 31 no.2:34 P '61.
(MIRA 14:7)
(Corn (Maize)---Cleaning)

CHELNOKOV, Aleksey Mikhaylovich; SAGARDA, A.A., dotsent, kand.tekhn.
nauk, retsenzent; SATANOVSKIY, Ya.S., inzh., retsenzent;
KRASNIKOV, K.P., nauchnyy red.; KUSKOVA, A.I., red.; TSAL,
R.K., tekhn.red.

[Organizing and planning a shipbuilding enterprize] Organi-
zatsiya i planirovanie sudostroitel'nogo predpriyatia.
Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl., 1959.
430 p. (MIRA 12:10)
(Shipbuilding)

KRASNIKOV, L.

Two years of work using a new method. Grazhd. av. 13 no. 10:33-34
O '56. (MIRA 10:1)
(Aeronautics, Commercial)

SOV/84-58-9-20/51

AUTHOR: Krasnikov, L. (Rostov-na-Donu)

TITLE: ~~An Experience~~ in Flight Preparation (Opyt predpoletnoy podgotovki)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 9, p 15) (USSR)

ABSTRACT: The article presents a new scheduling of pre-flight operations worked out in the Rostov airport after the time for flight preparation was cut by 30 minutes in April 1957. The article is accompanied by a graphical table showing the sequence of operations and time allocations for various operations by crew members during the 60 minutes allowed for flight preparation of an airliner.

Card 1/1

KRASHNIKOV, L.

Hard training in practical work. Prof. tekhn. obr. 22 no. 12:
22-23 D '65 (MIRA 19:1)

1. Zamestitel' direktora po uchebno-proizvodstvennoy rabote
Ubaganskogo sel'skogo professional'no-tekhnicheskogo uchi-
lishcha No. 160, Kustanayskaya oblast'.

KRASNIKOV, L.

Training for flights with shifting crews. Grazhd. av. 12
no.11:28-29 N '55. (MIRA 15:9)
(Flight training)

KRASNIKOV, L.

Thoughts of the workers of rural schools. Prof.-tekhn.oor. 22
no.5:22 My '65. (MIRA 18:5)

1. Rukovoditel' seksii zamestiteley direktorov po uchebno-proiz-
vodstvennoy rabote Kustanayskoy oblasti.

KRASNIKOV, M.

There is a need for control over the use of funds for acquiring equipment. Fin.SSSR 37 no.4:68-70 Ap '63. (MIRA 16:4)

1. Glavnyy bukhgalter upravleniya agregatostroyeniya i priborostroyeniya Leningradskogo soveta narodnogo khozyaystva.
(Industrial equipment) (Finance)

KRASNIKOV, M.F.

Work practice with relief maps. Geog.v shkole 19 no.5:52-53
S-0 '56. (MIRA 9:11)

(Geography--Study and teaching)

KRASNIKOV, Makar Filippovich; TREGUBA, Semen Grigor'yevich
[Trehuba, S.H.]; KIR'YAKOV, Yu.F., red.; CORBUNCVA, N.M.
[Horbunova, N.M.], tekhn. red.

[Kharkov Province; a geographical sketch]Kharkivs'ka oblast';
geografichnyi narys. Kyiv, Radians'ka shkola, 1962. 101 p.
(MIRA 16:J)

(Kharkov Province--Economic geography)

RAPOPORT, T.B.; GINZBURG, I.G.; KRASNIKOV, M.A.; KUROVA, A.V.,
red.

[Engineering and structural drawing; a manual for students in course II of "Building of Railroads", "Bridges and Tunnels", "Industrial and Civilian Construction", "Water Supply and Sewerage System", "Economics and Organization of Construction for Railroad Transportation"] Inzhenerno-stroitel'noe cherchenie; uchebnoe posobie dlia studentov II kursa spetsial'nostei: "Stroitel'stvo zheleznnykh dorog" (S), "Mosty i tonneli" (MT), "Promyshlennoe i grazhdanskoe stroitel'stvo" (PGS), "Vodosnabzhenie i kanalizatsiia" (VK), "Ekonomika i organizatsiia stroitel'stva na zheleznodorozhnom transpore" (ES). Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1963. 69 p. (MIRA 17:9)

TANTSUYURA, A.A.; KRASHNIKOV, M.P.; SOBOLEV, V.Ya.; SADOV, I.Ya., inzhener, redaktor; KHITROV, P.A., tekhnicheskii redaktor.

[Automatic point type locomotive signal systems with automatic train stop] Avtomaticheskaya lokomotivnaya signalizatsiya tochechnogo tipa s avtostopom. Moskva, Gos. transportnoe shel-dor. izd-vo, 1955. 124 p. (Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.108). (MIRA 9:2)
(Railroads--Signaling)

KARVATSKIY, S.B.; KRASHNIKOV, M.P.; SOBOLEV, V.Ya.[deceased];
TERPUGOV, G.A.; FILIPPOVA, L.S., red.; USENKO, L.A., tekhn.
red.

[New systems of coded interlocking] Novye sistemy kodovoi
tsentralizatsii. Moskva, Vses.izdatel'sko-poligr. ob"edinenie
M-va putei soobshcheniia, 1961. 30 p. (MIRA 15:1)
(Railroads--Signaling--Intelocking systems)

KARVATSKIY, S.B.; KRASNIKOV, M.P.; TERPUGOV, G.A.; SUKHOPRUDSKIY,
N.D., kand. tekhn.nauk, retsenzent; PETUSHKOVA, I.K.,
inzh., red.; DROZDOVA, N.D., tekhn. red.

[SKTs-62 code interlocking system] Kodovaya tsentralizatsiia
sistemy SKTs-62. Moskva, Transzheldorizdat, 1963. 30 p.
(MIRA 16:10)
(Railroads--Signaling--Interlocking systems)

KRASNIKOV, N.

Age is no obstacle. Okhr.truda i sots.strakh. 3 no.4:
47-49 Ap '60. (MIRA 13:6)

1. Vneshtatnyy tekhnicheskoy inspektor Kalininskogo oblsoprofa,
g. Rzhnev.
(Rzhnev--Industrial hygiene) (Pensioners)

09010472

L 4495-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1) IJP(c) BB/GG

ACC NR: AP5023269

UR/0302/65/000/003/0026/0027
621.142.353.3

66
23

AUTHOR: Krasnikov, N.I.⁴⁴; Oleksenko, P.F.⁴⁴; Svechnikov, S.V.⁴⁴ (Candidate of technical sciences)

TITLE: High-speed division analog computer 166, 44

SOURCE: Avtomatika i proborostroyeniye, no. 3, 1965, 26-27

TOPIC TAGS: analog computer, computer circuit, computer design, automatic control system, semiconductor device

ABSTRACT: This article describes a high-speed analog device for the division of unipolar pulses of arbitrary spectral shape ($0-10^5$ cps) with a dynamic range of 300 and 50 with respect to the divisor and dividend. The circuit was designed at Institut poluprovodnikov AN UkrSSR (Institute of Semiconductors, AN UkrSSR)⁴⁴. The circuit diagram is presented, and static and dynamic characteristics are given, as well as the theoretical description of the device. The device may be widely used in automatic control systems and in the field of computing. Orig. art. has: 4 formulas and 3 figures. 14

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, DP, EC

NO REF SOV: 001

OTHER: 002

KRASNIKOV, N. D.

KRASNIKOV, N. D.: "Methods of Calculating and Designing Maritime Protective Structures with Sandstone Blocks on Thin Clay Foundations." Min Higher Education USSR. Leningrad Polytechnic Institute imeni M. I. Kalinin, Leningrad, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No 9, 1956

DERIBAS, A.A. (Novosibirsk); ZHILIN, N.V. (Novosibirsk); KRASNIKOV, N.D.
(Novosibirsk); MARCHENKO, I.L. (Novosibirsk); SEVAST'YANOV, N.V.
(Novosibirsk)

Vibrations of a concrete structure on a rock base under the action
of explosive loads. PMTF no.2:140-143 J1-Ag 60. (MIRA 14:6)
(Hydraulic structures--Vibration)

IVANOV, Petr Leont'yevich; KRASNIKOV, N.D., kand. tekhn. nauk, red.;
ZHITNIKOVA, O.S., tekhn. red.

[Liquefaction of sandy soils] Razzhizhenie peschanykh gruntov.
Moskva, Gosenergoizdat, 1962. 259 p. (MIRA 15:10)
(Sandy soils) (Soil mechanics)

BIBANOV, V.I.; GONCHAROV, L.A.; KONSTANTINOV, S.B.; KRAVCHENKO, N.D.;
TISHCHENKO, V.G.

Experimental study of the vibrations of massive concrete blocks
on sand bases. Trudy Inst. fiz. Zem. no.33. Vop. inzh. seism.
no.9:59-76. '64. (MIRA 17:12)

L 24836-66 ENT(1)/EWA(h) GW

ACC NR: AT6007200

SOURCE CODE: UR/2619/65/000/036/0099/0104

AUTHOR: Krasnikov, N. D.

ORG: Institute of Physics of the Earth, Academy of Sciences, SSSR (Institut fiziki Zemli Akademii nauk SSSR)

TITLE: Using data on transverse wave velocities for seismic microzoning

SOURCE: AN SSSR. Institut fiziki Zemli. Trudy, no. 36 (203), 1965. Seismicheskoye mikrorayonirovaniye; voprosy inzhenernoy seismologii (Seismic microdistricting; problems of engineering seismology), no. 10, 99-104

TOPIC TAGS: seismic wave, transverse wave, longitudinal wave, seismology, earthquake, soil mechanics

ABSTRACT: It is pointed out that the velocities at which elastic longitudinal waves are propagated in various types of ground are not sufficient for complete determination of the seismic properties of these types of soil. These properties are fully described by taking account of a second extremely important seismic characteristic: the velocities at which transverse elastic waves are propagated in these types of

Card 1/2